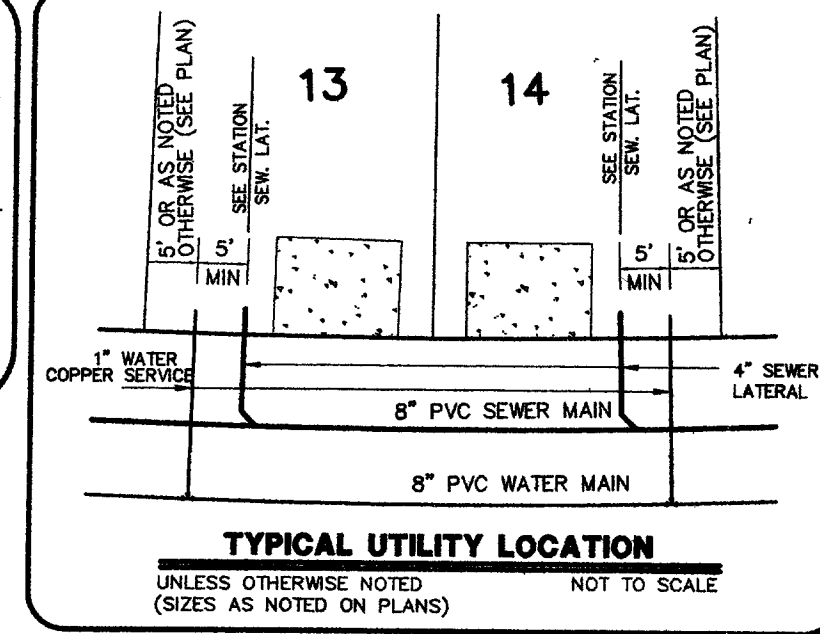
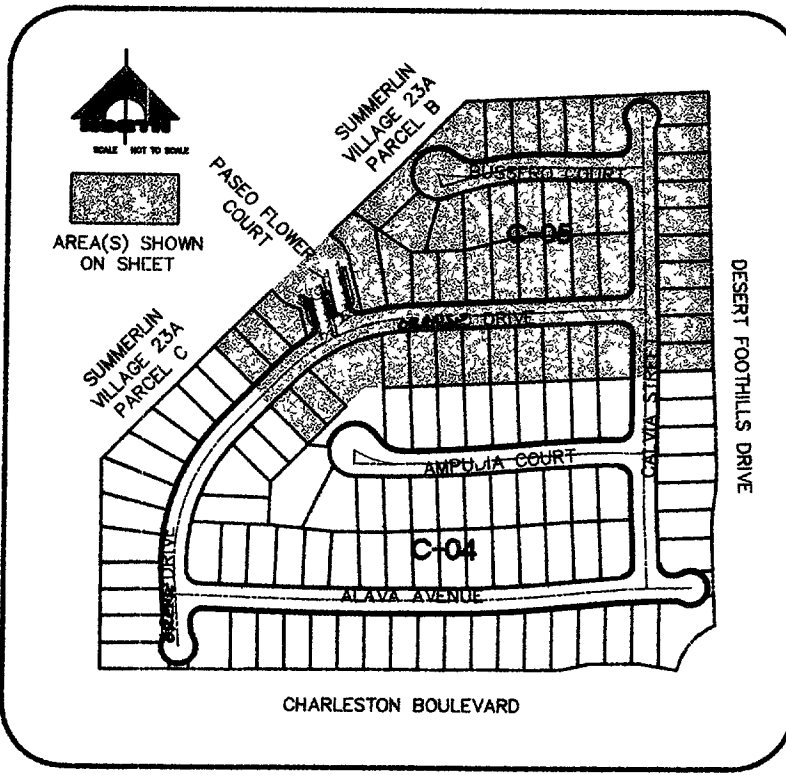


APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACK FLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

NOTE TO CONTRACTOR
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING PER UDACS PLATE NO. 27.

BENCHMARK			
CLV BM NO.	DESC.	NAVD 88 DATUM	NAVD 88 ELEVATION
D388 3	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71 (FEET)	989.599 (METERS)

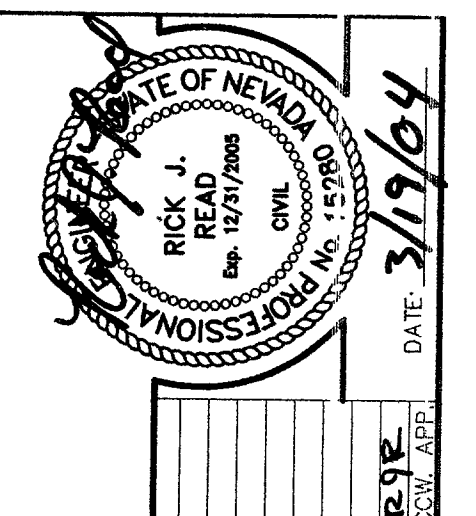
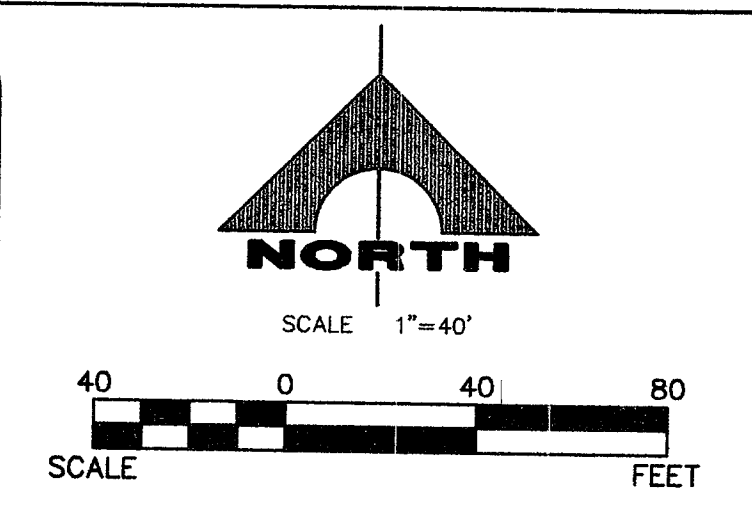
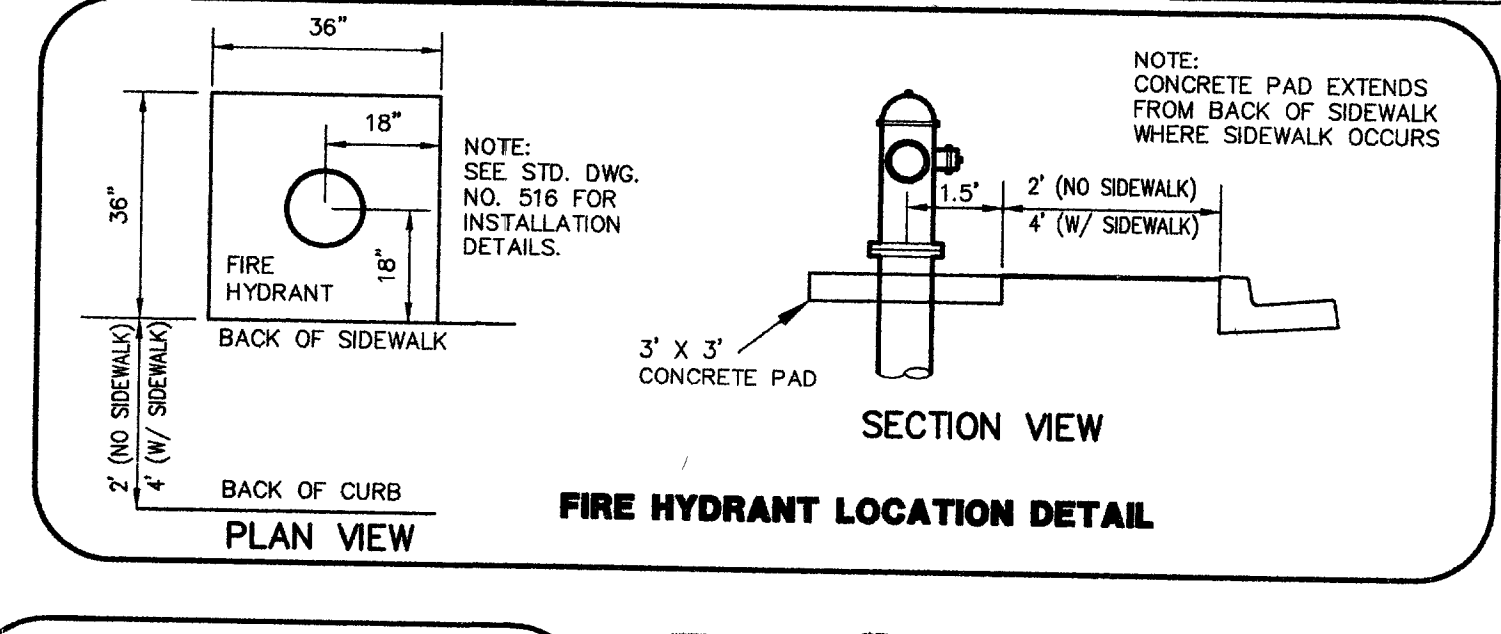
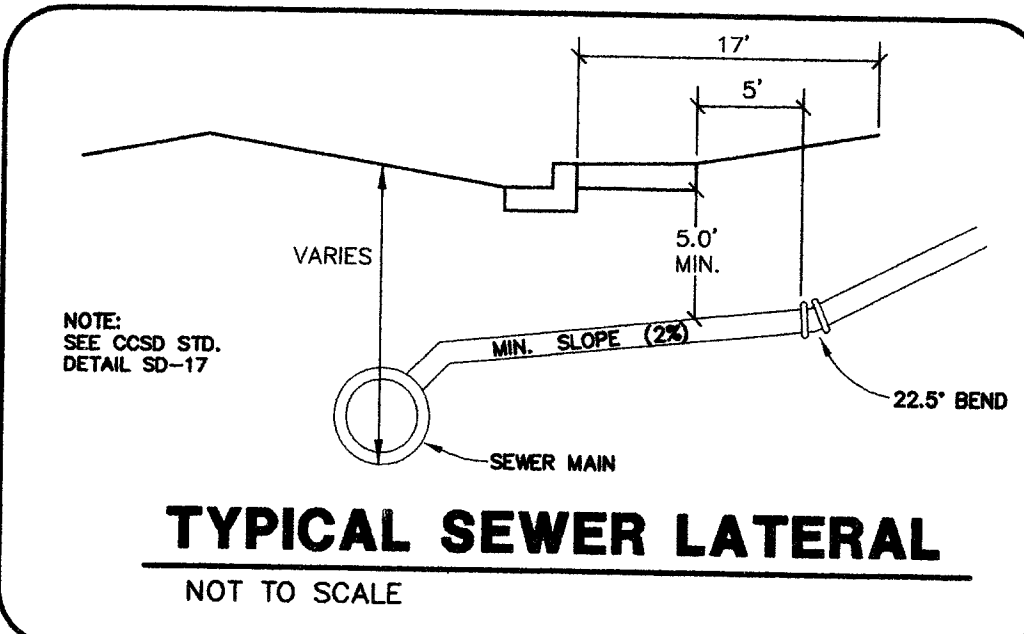
BASIS OF BEARINGS
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.



FIRE FLOW CALCULATIONS
FIRE FLOW REQUIREMENT IS 1500 gallons per minute at 20 psi residual pressure.

Based on:

SQUARE FOOTAGE:	1923	SF
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	NA	SF
BUILDING HEIGHT:	30	FEET
NUMBER OF STORIES:	2	
TYPE OF CONSTRUCTION:	TYPE V-N	
OCCUPANCY:	R3	
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	NO	

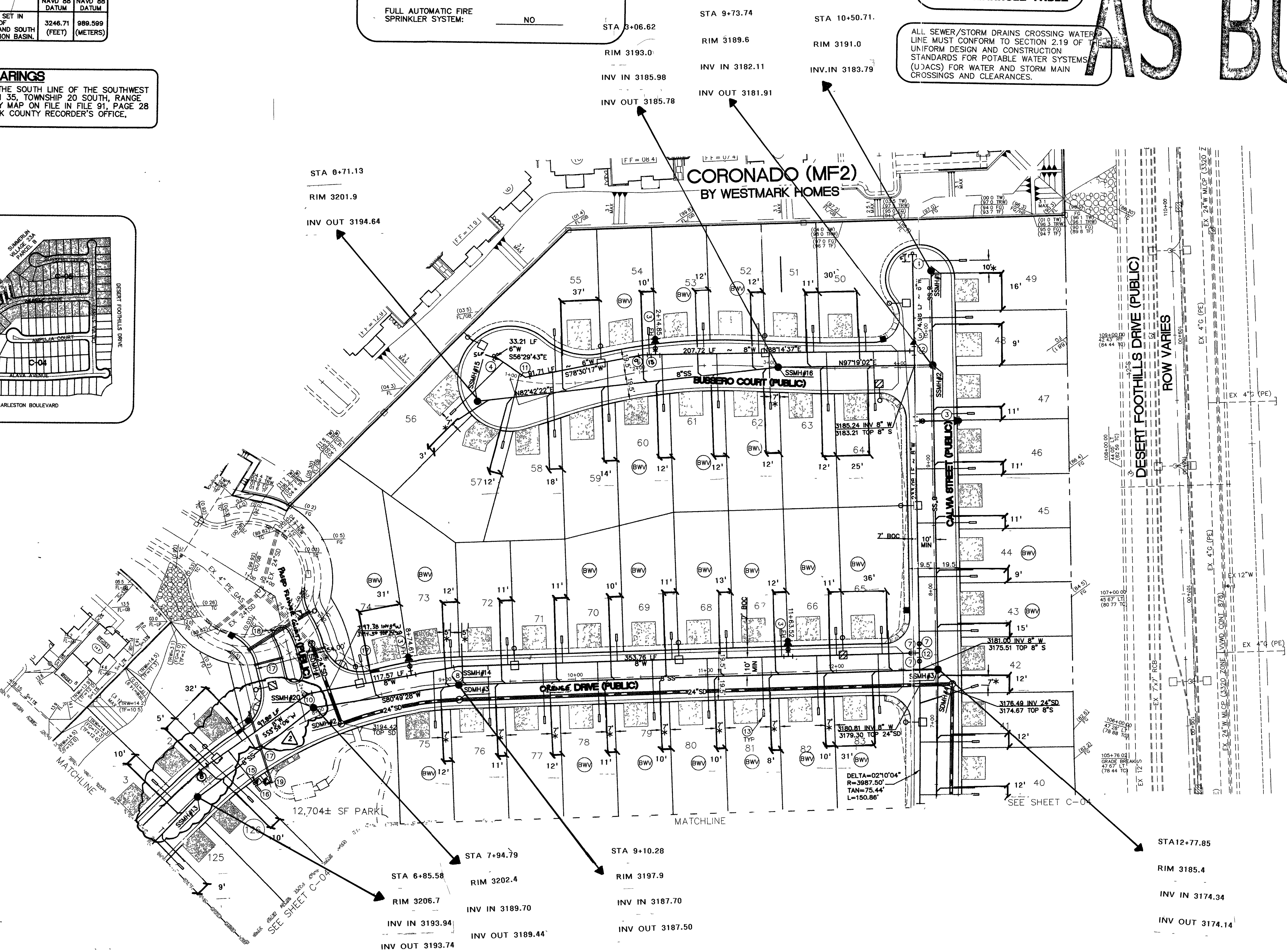


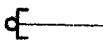
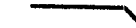
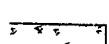
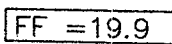
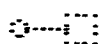
SEE SHEET C-03 FOR SEWER MANHOLE TABLE

AS BUILT

SEWER
DAILY AVERAGE: 126 ERU'S X 250 GPD/ERU = 31,500 GPD
PEAK FLOW: 31,500 X 1.4 (PF) = 107,100 GPD

- CONSTRUCTION NOTES**
1. REMOVE PLUG AND CONNECT
 2. REMOVE CAP AND BLOW-OFF AND CONNECT
 3. INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE NO. 7) AND DETAIL
 4. INSTALL 2\"/>



UTILITY LEGEND	
	BLOCK NUMBER
	PRESSURE REDUCING VALVE
	WATER LINE
	EXISTING WATER LINE
	WATER SERVICE 5/8" TYP.
	GATE VALVE
	EXISTING GATE VALVE
	CAP W/ 2" BLOW OFF
	FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PRESSURE REDUCING VALVE
	BACK WATER VALVE
	SEWER LATERAL
	SEWER LINE/SSMH
	EXISTING SEWER MANHOLE
	CONCRETE DRIVEWAY
	FINISH FLOOR
	SUMMERLIN TYPE 3B 100W HPS LUMINAIRE
	SUMMERLIN TYPE 3A 150W HPS LUMINAIRE
	FUTURE STREET LIGHT

APPROVED FOR CONSTRUCTION

[Signature] 3/24/04
CLV DEPARTMENT DATE

APPROVED FOR CONSTRUCTION

[Signature] 3/23/04
LAS VEGAS VALLEY WATER DISTRICT DATE

PULTE HOMES, INC.
CORDOVA AT SUMMERLIN - VILLAGE 23, PARCEL A
UTILITY PLAN II

G. C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RANCHO BLVD., LAS VEGAS, NEVADA 89102
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299
E-MAIL: gwallace@pcc.com

DRAWING
C-05
5 OF 21 SHTS

DATE: 3/19/04

66762 96588